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10/579, 253

FILE 'HOME' ENTERED AT 17:11:34 ON 17 MAY 2010

FILE 'REGISTRY' ENTERED AT 17:11:51 ON 17 MAY 2010
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STRUCTURE FILE UPDATES: 16 MAY 2010 HIGHEST RN 1224049-79-9
DICTIONARY FILE UPDATES: 16 MAY 2010 HIGHEST RN 1224049-79-9

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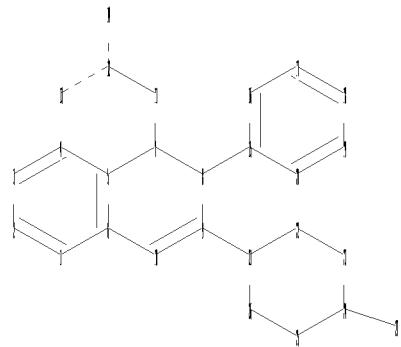
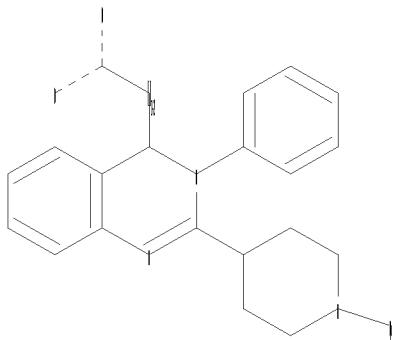
TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10579253.str



```
chain nodes :
```

ring nodes :

1 2 3 4 5 6 7 8 9 10 15 16 17 18 19 20 21 22 23 24 25 26

chain bonds

chain bonds : 7-11 8-15 9-21 11-12 12-13 12-14 24-27

ring bonds:

Ring Songs :
 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 15-16 15-20 16-17 17-18
 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

18-19 19-20 21-
exact/norm bonds :

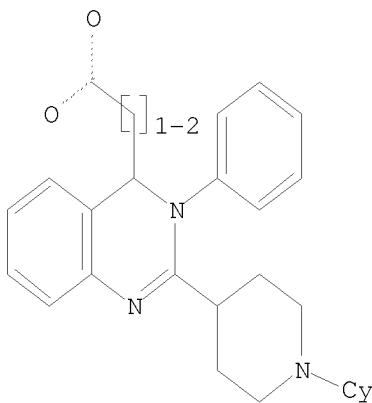
10/579,253

5-7 6-10 7-8 8-9 8-15 9-10 12-13 12-14 24-27
exact bonds :
7-11 9-21 11-12 21-22 21-26 22-23 23-24 24-25 25-26
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20
isolated ring systems :
containing 1 : 15 : 21 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 full
FULL SEARCH INITIATED 17:12:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 39 TO ITERATE
100.0% PROCESSED 39 ITERATIONS 27 ANSWERS
SEARCH TIME: 00.00.01

L2 27 SEA SSS FUL L1

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
191.54 191.76

FILE 'REGISTRY' ENTERED AT 17:12:30 ON 17 MAY 2010
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DICTIONARY FILE UPDATES: 16 MAY 2010 HIGHEST RN 1224049-79-9

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TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.49	192.25

FILE 'CAPLUS' ENTERED AT 17:12:34 ON 17 MAY 2010
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FILE COVERS 1907 - 17 May 2010 VOL 152 ISS 21
FILE LAST UPDATED: 16 May 2010 (20100516/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12
L3 1 L2

=> d 13 1- ibib abs hitstr
 YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

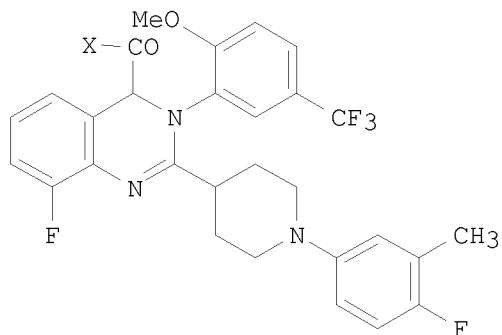
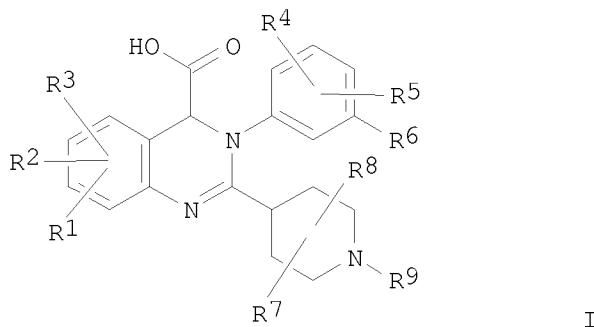
L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2005:451375 CAPLUS
 DOCUMENT NUMBER: 143:7722
 TITLE: Preparation of dihydroquinazolines as antiviral agents
 INVENTOR(S): Wunberg, Tobias; Baumeister, Judith; Jeske, Mario;
 Nell, Peter; Nikolic, Susanne; Suessmeier, Frank;
 Zimmermann, Holger; Grosser, Rolf; Hewlett, Guy;
 Keldenich, Joerg; Lang, Dieter; Henninger, Kerstin
 PATENT ASSIGNEE(S): Bayer Healthcare A.-G., Germany
 SOURCE: PCT Int. Appl., 50 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005047278	A2	20050526	WO 2004-EP12175	20041028
WO 2005047278	A3	20050721		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10352499	A1	20050609	DE 2003-10352499	20031111
CA 2545307	A1	20050526	CA 2004-2545307	20041028
EP 1685123	A2	20060802	EP 2004-790948	20041028
EP 1685123	B1	20090819		
R: DE, ES, FR, GB, IT				
JP 2007510680	T	20070426	JP 2006-538702	20041028
ES 2328929	T3	20091119	ES 2004-790948	20041028
US 20070281953	A1	20071206	US 2006-579253	20060511
PRIORITY APPLN. INFO.:			DE 2003-10352499	A 20031111
			WO 2004-EP12175	W 20041028

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 143:7722

GI



AB Title compds. I [R1, R2, R3 = H, alkyl, carboxyl, etc.; R4, R5 = H, alkyl, alkoxy, etc.; R6 = alkyl, CN, halo, etc.; R7, R8 = H, halo, alkyl, etc.; R9 = (un)substituted aryl, 1,3-benzodioxol-5-yl] and their pharmaceutical salts and formulations were prepared. For example, saponification of Me ester II (X = OMe), afforded the hydrochloride salt of dihydroquinazoline II (X = OH) in 24% yield. In human cytomegalovirus (HCMV) assays, 4-examples of compds. I exhibited EC50 values ranging from 0.03-0.15 μ M, e.g., the EC50 of dihydroquinazoline III hydrochloride was 0.03 μ M. Compds. I are claimed to be useful in the treatment of human cytomegalovirus (HCMV) infections.

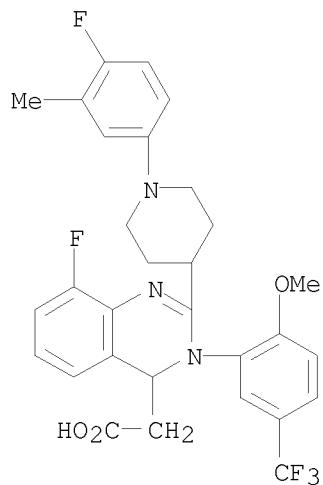
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 852415-30-6P 852415-31-7P 852415-32-8P
 852415-33-9P 852415-34-0P 852415-35-1P
 852415-36-2P 852415-37-3P 852415-38-4P
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 852415-42-0P 852415-43-1P 852415-44-2P
 852415-65-7P 852415-66-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of dihydroquinazolines as antiviral agents)

RN 852415-27-1 CAPLUS

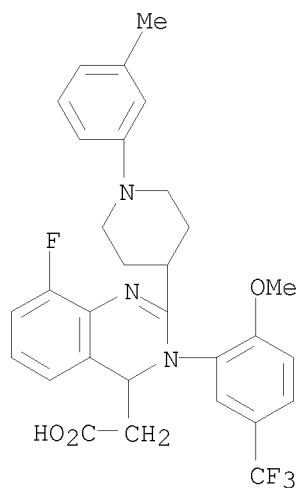
CN 4-Quinazolineacetic acid, 8-fluoro-2-[1-(4-fluoro-3-methylphenyl)-4-piperidinyl]-3,4-dihydro-3-[2-methoxy-5-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

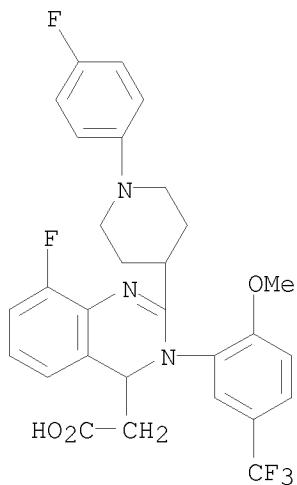
RN 852415-28-2 CAPLUS

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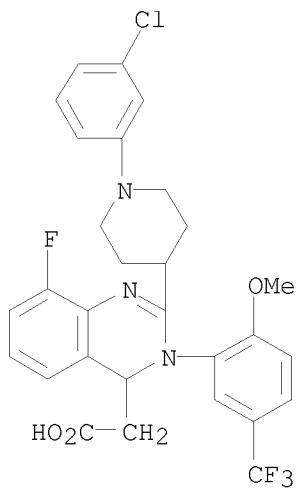
RN 852415-29-3 CAPLUS

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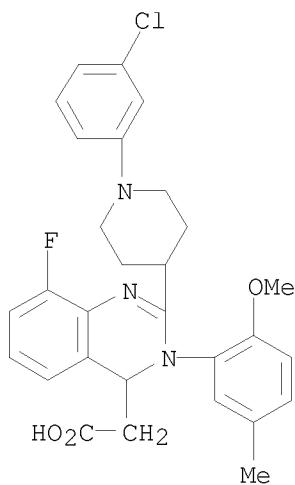
RN 852415-30-6 CAPLUS

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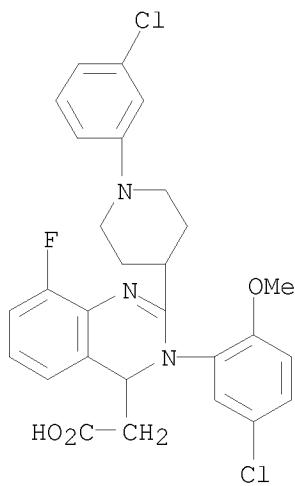
RN 852415-31-7 CAPLUS

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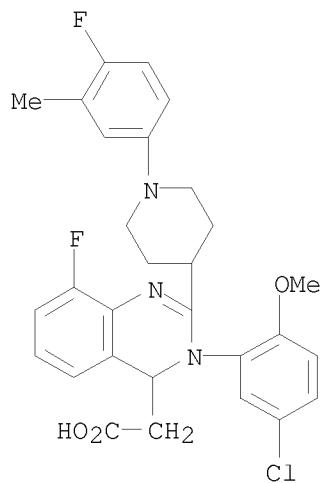
RN 852415-32-8 CAPLUS

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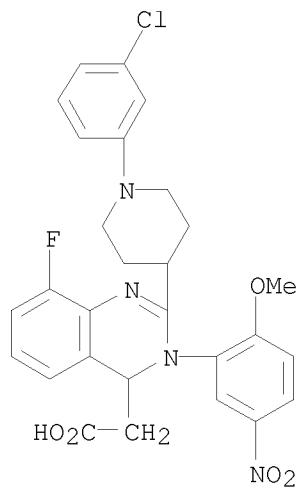
RN 852415-33-9 CAPLUS

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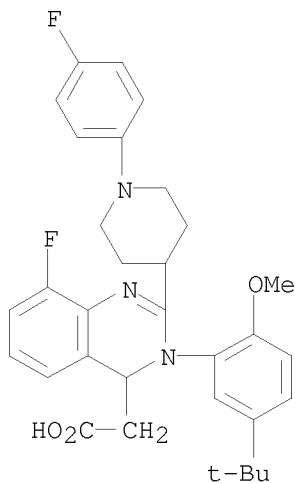
RN 852415-34-0 CAPLUS

CN 4-Quinazolineacetic acid, 2-[1-(3-chlorophenyl)-4-piperidinyl]-8-fluoro-3,4-dihydro-3-(2-methoxy-5-nitrophenyl)- (CA INDEX NAME)



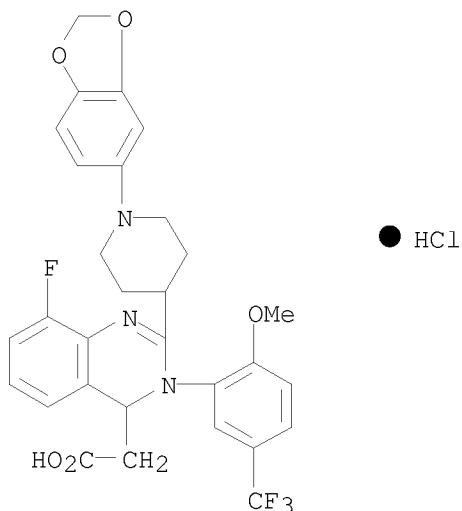
RN 852415-35-1 CAPLUS

CN 4-Quinazolineacetic acid, 3-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-8-fluoro-2-[1-(4-fluorophenyl)-4-piperidinyl]-3,4-dihydro- (CA INDEX NAME)



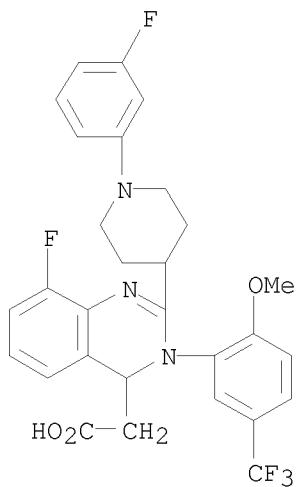
RN 852415-36-2 CAPLUS

CN 4-Quinazolineacetic acid, 2-[1-(1,3-benzodioxol-5-yl)-4-piperidinyl]-8-fluoro-3,4-dihydro-3-[2-methoxy-5-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)



RN 852415-37-3 CAPLUS

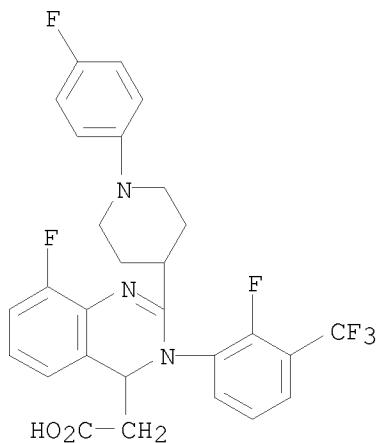
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● HCl

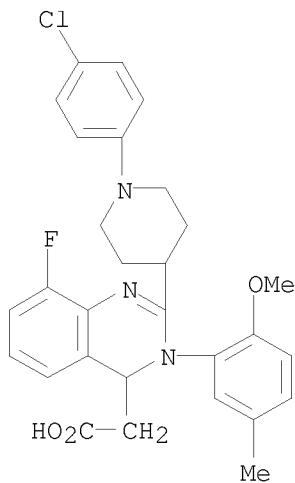
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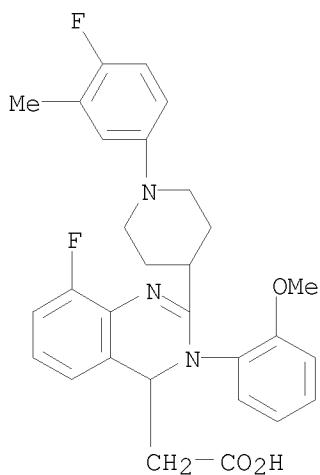
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CN 4-Quinazolineacetic acid, 2-[1-(4-chlorophenyl)-4-piperidinyl]-8-fluoro-3,4-dihydro-3-(2-methoxy-5-methylphenyl)- (CA INDEX NAME)



RN 852415-40-8 CAPLUS

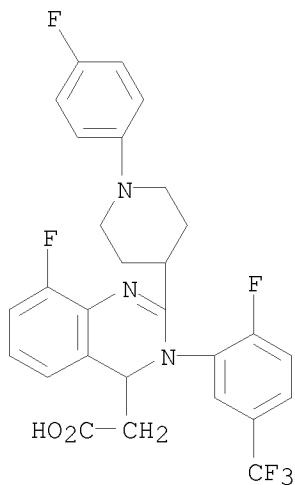
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● HCl

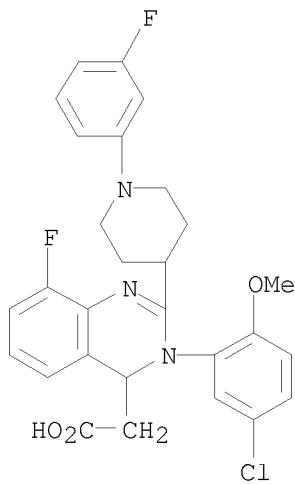
RN 852415-41-9 CAPLUS

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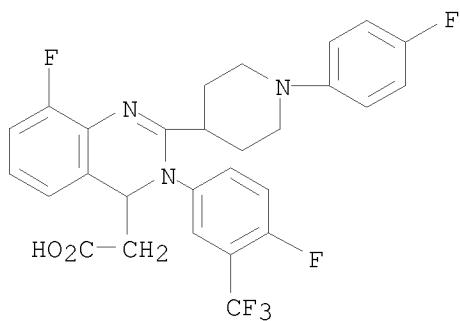
RN 852415-42-0 CAPLUS

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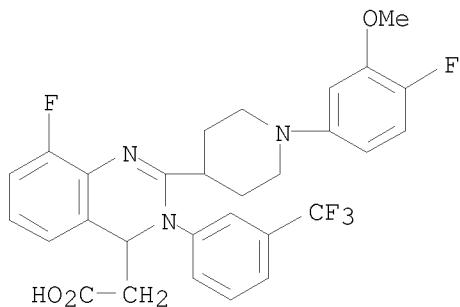
RN 852415-43-1 CAPLUS

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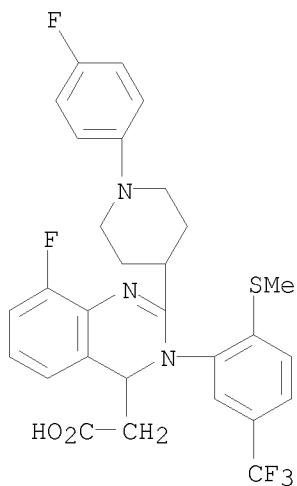
RN 852415-44-2 CAPLUS

CN 4-Quinazolineacetic acid, 8-fluoro-2-[1-(4-fluoro-3-methoxyphenyl)-4-piperidinyl]-3,4-dihydro-3-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



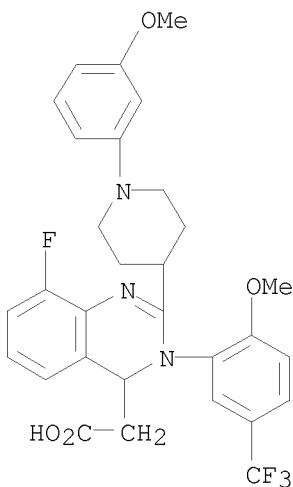
RN 852415-65-7 CAPLUS

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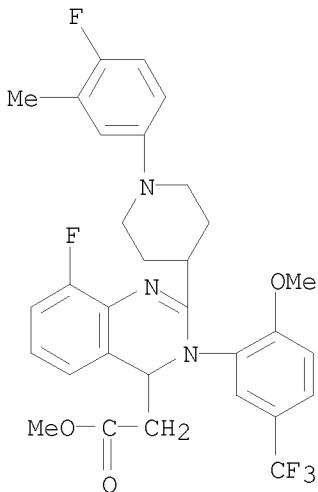


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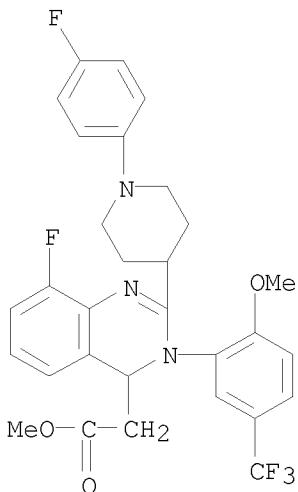
CN 4-Quinazolineacetic acid, 8-fluoro-3,4-dihydro-2-[1-(3-methoxyphenyl)-4-piperidinyl]-3-[2-methoxy-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)



IT 852415-62-4P 852415-63-5P 852415-64-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of dihydroquinazolines as antiviral agents)
 RN 852415-62-4 CAPLUS
 CN 4-Quinazolineacetic acid, 8-fluoro-2-[1-(4-fluoro-3-methylphenyl)-4-
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 ester (CA INDEX NAME)

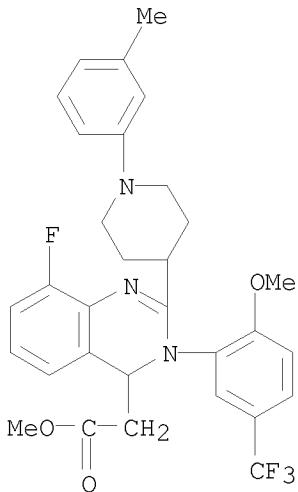


RN 852415-63-5 CAPLUS
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 3,4-dihydro-3-[2-methoxy-5-(trifluoromethyl)phenyl]-, methyl ester (CA
 INDEX NAME)



RN 852415-64-6 CAPLUS

CN 4-Quinazolineacetic acid, 8-fluoro-3,4-dihydro-3-[2-methoxy-5-(trifluoromethyl)phenyl]-2-[1-(3-methylphenyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

(4 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 17:11:34 ON 17 MAY 2010)

FILE 'REGISTRY' ENTERED AT 17:11:51 ON 17 MAY 2010

L1 STRUCTURE uploaded

L2 27 S L1 FULL

FILE 'REGISTRY' ENTERED AT 17:12:30 ON 17 MAY 2010

10/579,253

FILE 'CAPLUS' ENTERED AT 17:12:34 ON 17 MAY 2010
L3 1 S L2

=> log y
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	XXXXXXXXXXXXXXXXXXXX	

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
CA SUBSCRIBER PRICE

	SINCE FILE ENTRY	TOTAL SESSION
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STN INTERNATIONAL LOGOFF AT 17:13:24 ON 17 MAY 2010